

28 June 1961

MEMORANDUM FOR: Chief, Technical Plans and Development Staff

SUBJECT: TP&DS Laboratories [redacted]

1. Pursuant to your instruction, I prepared and submitted to [redacted] on 9 June, a detailed break out of space and environmental requirements for our proposed laboratory area [redacted]. A sample extraction from this break out would read:

"Densitometer - Sensitometer Room

- a. 12 x 16 feet minimum
- b. 110 volts, AC, 60 cycle, 15 watt (Rheostat)
- c. safe lights
- d. adjacent to wet lab with pass through
- e. temperature and humidity control 70° F, 50% humidity with ± 2° F and 5% humidity."

2. [redacted] was to visit [redacted] during the week of 12 - 17 June to meet with the A&E people to clarify any points that remained uncertain as regards the developmental laboratory. Through a conflict of visits and a misunderstanding of tasks between [redacted] AS/NPIC and [redacted] it now appears that the developmental lab was not discussed by anyone. May I, therefore, suggest one of two alternatives:

- a. That I plan a one or two day visit with [redacted] about 9 June to assure ourselves adequate understanding of lab requirements and also make a check of [redacted] progress at the same time, or
- b. You plan to cover both of these items during your proposed mid-July West Coast visit.

3. Please advise.

NPIC/TPDS: [redacted]

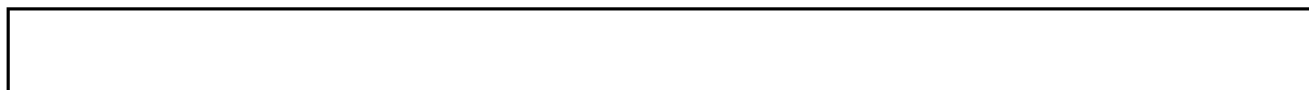
Declass Review by NGA.

PROGRAM OUTLINE
OF
RESEARCH AND EVALUATION STUDIES
FOR
ADVANCED PLANNING PROGRAMS
(5-10 and 30 YEARS)

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May 27, 1961

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FOREWARD

When appropriate and at your convenience, the opportunity to present examples and programs for seriously needed advanced planning subjects of this office to you and members of your staff will be appreciated.

Presentation material is now ready and full consideration has been given to means by which the Advanced Planning needs can easily be demonstrated and validated for your complete appreciation thereof. This material includes the thoughts of scientists and engineers currently available and working in industrial groups outside of the Government, as well as the full contribution and reviews of our in-house staff.

The brief, but comprehensive, presentation includes a suggested list of tasks for immediate consideration for both short and long range Advanced Planning needs of this office. The means and personnel requirements to accomplish the detailed tasks are known and available through technical specialists, already screened by this office, who will specifically supplement and augment our efforts for the Advanced Planning needs outlined.

SECTION I

SUMMARY

The current awareness of adequate long and short range Advance Planning need within alert planning groups, major technical organizations, in both government and industry, has changed from so called "advanced marketeering planning" alone, to the more sophisticated task of anticipating and pre-planning scientific needs and programs of the next one to three decades. The unchallengable need for such planning in our operations seems obvious. Major technological advances, opportunities, and unique engineering problems currently dictate that the most highly talented and experienced individuals should be utilized and devoted to this type of assignment from any and all available sources. Our advanced planning requires farsightedness and a high degree of accuracy to anticipate the requirements to totally new programs and concepts, as well as the currently operating programs from which they will develop. This review outlines methods for broadening the scope of our advanced planning activities and specifies a number of technical tasks considered essential for immediate study and accomplishment to insure the success of our present and future mission/assignments.

SECTION II

INTRODUCTION

In researching typical "advanced planning" efforts, we have determined that the number of individuals assigned to such planning generally is dependent upon: (1) the overall program scope; (2) the number of tasks or particular programs occurring during a specific time period; and (3) the "rate of change in the state of the art". The minimum number must be commensurate with the operational mission and functions of the organization.

Typical of advanced planning, the needs of this office must provide for the often conflicting requirements of several assignments and/or missions. Foremost for our needs, appears to be the requirement for accurate and adequate planning for a number of somewhat diverse technical programs. This requirement must be accomplished with a minimum of advanced planning staff manpower - while prime assignments and missions are being carried out. Such staff requirements, depending upon the program and under planning study, vary in both types of personnel.

Such needs may be accomplished in one of three ways: (1) planning functions may be curtailed so that the same number of diverse problems are investigated in less depth; (2) planning manpower (staff) may be augmented internally; or (3) , our advanced planning may be supported by outside assistance.

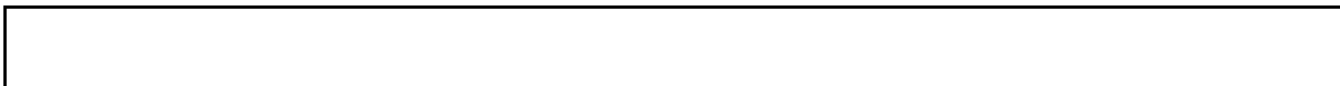
Omitting or reducing the scope of advance planning in this office could ultimately cause us to be unable to fulfill mission requirements. Such inadequacy might be offset at a later date, but only by dangerous after-the-fact action. The more serious consequences are the detrimental effects of unforeseeable and unanticipated inadequacies of this office as they affect the success of national security.

It, therefore, appears advisable that the planning capabilities of this office be developed, equipped and maintained at levels consistent with anticipated opportunities and developments attendant to our mission. A plan for technical support for our Advanced Planning follows below, which we consider capable of maintaining the staff capability needed regardless of periodic variations in manpower requirements, technical changes and/or other required modifications. The individual skills mentioned herein, to be available on an "on-call" basis, provides us with responsible planning personnel, possessing selected skills, drawn from the widest possible range of activities and specialties and the access to all new private (industry-wide) R & D concepts, ideas and potentially useful means for accomplishing our mission without compromising required operating techniques of this office. The merits of the plan are presented, covering the needs of our Advanced Planning and for the consideration of your Authority.

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